

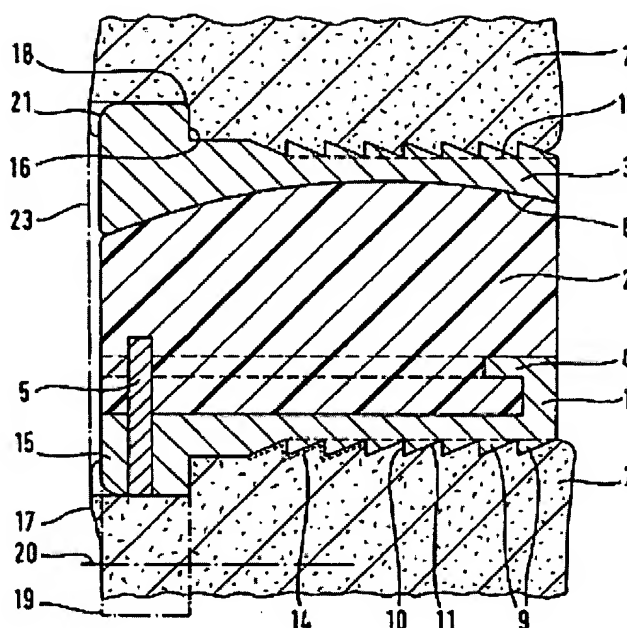


CERVICAL INTERVERTEBRAL PROSTHESIS**Patent number:** WO03075804**Publication date:** 2003-09-18**Inventor:****Applicant:** LINK WALDEMAR GMBH CO (DE)**Classification:****- International:** A61F2/44**- european:** A61F2/44D2**Application number:** WO2003EP01803 20030221**Priority number(s):** EP20020005631 20020312; US20030349183 20030123**Also published as:** CA2476479 (A1)**Cited documents:** DE29511146U FR2718635 US5306307 WO9720526[Report a data error here](#)**Abstract of WO03075804**

The invention relates to a cervical intervertebral prosthesis comprising two covering plates that are to be connected to each one of the adjacent vertebral bodies. At least one of both covering plates (1, 3) is provided with a tothing (9), which faces the vertebral body (7) and whose teeth have a steep ventrally facing flank (10) and a less steep dorsally facing flank (11). When the prosthesis is subjected to sufficient compression between its adjacent vertebral bodies, the combination of the saw tooth-shaped tothing with the stop surface is adequate for securely holding the prosthesis in the desired position. This makes it possible, in many cases, to forgo an additional fixing using screws. The flange (15) provided with the stop surface (16) is effectively shortened whereby enabling it to be accommodated inside a recess of the bone (7), and the prosthesis does not ventrally protrude beyond the ventral flush surface of the adjacent vertebral bodies (7).



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